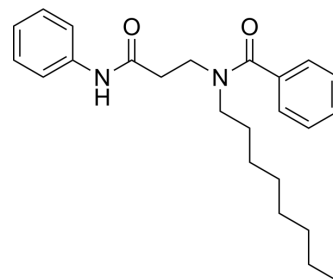


## UCM-13207

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-149708                                                                                 |
| CAS No.:           | 1621536-10-4                                                                              |
| Molecular Formula: | C <sub>24</sub> H <sub>32</sub> N <sub>2</sub> O <sub>2</sub>                             |
| Molecular Weight:  | 380.52                                                                                    |
| Target:            | ICMT                                                                                      |
| Pathway:           | GPCR/G Protein                                                                            |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

UCM-13207 (compound 21) is a selective ICMT inhibitor that ameliorates basic progeria-like features. UCM-13207 can improve the survival rate of LmnaG609G/G609G mice in the mouse premature aging model<sup>[1]</sup>.

## REFERENCES

[1]. Marcos-Ramiro B et al. Isoprenylcysteine carboxylmethyltransferase-based therapy for Hutchinson–Gilford progeria syndrome[J]. ACS Central Science, 2021, 7(8): 1300-1310.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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